

RAW SEQUENCE LISTING

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Application Serial Number: 10/584,383A
Source: JFWO
Date Processed by STIC: 1/3/07

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RAW SEQUENCE LISTING

DATE: 01/03/2007

PATENT APPLICATION: US/10/584,383A

TIME: 16:32:14

Input Set : A:\PTO.RJ.txt

Output Set: N:\CRF4\01032007\J584383A.raw

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3 <110> APPLICANT: MOGAM BIOTECHNOLOGY RESEARCH INSTITUTE
4     LEE, Kyu Hyun
5     YU, Hyunkyung
6     LEE, Ho-Jeong
7     AHN, Jin-Hyung
8     KIM, Jang-Seong
9     JO, Eui-Cheol
10    YOON, Yeup
11    PARK, Doo-Hong
12    YUN, Seong-Tae
14 <120> TITLE OF INVENTION: THERAPEUTIC AGENT FOR TREATMENT OF CANCER COMPRISING HUMAN
APOLIPOPROTEIN
15    (A) KRINGLES LK68 OR LK8 GENES AS EFFECTIVE INGREDIENT, AND METHOD FOR TREATING
16    CANCER USING THE SAME
18 <130> FILE REFERENCE: 58049-00032
20 <140> CURRENT APPLICATION NUMBER: US 10/584,383A
21 <141> CURRENT FILING DATE: 2006-06-26
23 <150> PRIOR APPLICATION NUMBER: PCT/KR2005/000075
24 <151> PRIOR FILING DATE: 2005-01-10
26 <150> PRIOR APPLICATION NUMBER: KR 10-2004-0001695
27 <151> PRIOR FILING DATE: 2004-01-09
29 <160> NUMBER OF SEQ ID NOS: 11
31 <170> SOFTWARE: PatentIn version 3.3
33 <210> SEQ ID NO: 1
34 <211> LENGTH: 924
35 <212> TYPE: DNA
36 <213> ORGANISM: Homo sapiens
38 <400> SEQUENCE: 1
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41 tccaccactg tcacaggaag gacctgtcaa tcttggtcat ctatgatacc acactggcat      120
43 cagaggaccc cagaaaacta cccaaatgct ggctgaccg agaactactg caggaatcca      180
45 gattctggga aacaaccctg gtgttacaca accgatccgt gtgtgaggtg ggagtactgc      240
47 aatctgacac aatgctcaga aacagaatca ggtgtcctag agactccac tgttggtcca      300
49 gttccaagca tggaggetca ttctgaagca gcaccaactg agcaaaccac tgtgggtccgc      360
51 cagtgtctac atggcaatgg ccagagttat cgaggcacat tctccaccac tgtcacagga      420
53 aggacatgtc aatcttggtc atccatgaca ccacaccggc atcagaggac cccagaaaac      480
55 taccctaatg atggcctgac aatgaactac tgcaggaatc cagatgccga tacaggccct      540
57 tgggtgtttta ccacggaccc cagcatcagg tgggagtact gcaacctgac gcgatgctca      600
59 gacacagaag ggactgtggt cgctcctccg actgtcatcc aggttccaag cctagggcct      660
61 ccttctgaac aagactgtat gtttggaat gggaaaggat accggggcaa gaaggcaacc      720
63 actgttactg ggacgccatg ccaggaatgg gctgcccagg agccccatag acacagcacg      780
65 ttcatccag ggacaaataa atgggcaggt ctggaaaaaa attactgccg taaccctgat      840
67 ggtgacatca atggtccctg gtgctacaca atgaatccaa gaaaactttt tgactactgt      900
69 gatatccctc tctgtgcatc ctct

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74 <212> TYPE: DNA
75 <213> ORGANISM: Homo sapiens
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82 ccagggacaa ataaatgggc aggtctggaa aaaaattact gccgtaacct tgatggtgac      180
84 atcaatggtc cctggtgcta cacaatgaat ccaagaaaac tttttgacta ctgtgatata      240
86 cctctctgtg catcctct
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90 <211> LENGTH: 39
91 <212> TYPE: DNA
92 <213> ORGANISM: Artificial
94 <220> FEATURE:
95 <223> OTHER INFORMATION: sense primer of LK68
97 <400> SEQUENCE: 3
98 gcggcccagc cggccaaaag ccctgtggtc caggattgc                               39
101 <210> SEQ ID NO: 4
102 <211> LENGTH: 33
103 <212> TYPE: DNA
104 <213> ORGANISM: Artificial
106 <220> FEATURE:
107 <223> OTHER INFORMATION: sense primer of LK8
109 <400> SEQUENCE: 4
110 gcggcccagc cggccctcc ttctgaacaa gac                                     33
113 <210> SEQ ID NO: 5
114 <211> LENGTH: 36
115 <212> TYPE: DNA
116 <213> ORGANISM: Artificial
118 <220> FEATURE:
119 <223> OTHER INFORMATION: antisense primer of LK68 and LK8
121 <400> SEQUENCE: 5
122 ccgctcgagt taagaggatg cacagagagg gatata                               36
125 <210> SEQ ID NO: 6
126 <211> LENGTH: 39
127 <212> TYPE: DNA
128 <213> ORGANISM: Artificial
130 <220> FEATURE:
131 <223> OTHER INFORMATION: sense primer for viral vector
133 <400> SEQUENCE: 6
134 ccggaattcc tagccacat ggagacagac acactcctg                               39
137 <210> SEQ ID NO: 7
138 <211> LENGTH: 29
139 <212> TYPE: DNA
140 <213> ORGANISM: Artificial
142 <220> FEATURE:
143 <223> OTHER INFORMATION: LK68 NdeI sense primer
145 <400> SEQUENCE: 7

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164 <213> ORGANISM: Artificial
166 <220> FEATURE:
167 <223> OTHER INFORMATION: LK8 NdeI sense primer
169 <400> SEQUENCE: 9
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175 <212> TYPE: DNA
176 <213> ORGANISM: Artificial
178 <220> FEATURE:
179 <223> OTHER INFORMATION: IgK EcoRI forward primer
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186 <211> LENGTH: 50
187 <212> TYPE: DNA
188 <213> ORGANISM: Artificial
190 <220> FEATURE:
191 <223> OTHER INFORMATION: LK68 Flag epitope, XhoI antisense primer
193 <400> SEQUENCE: 11
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Invalid Line Length:

The rules require that a line not exceed 72 characters in length. This includes spaces.

Seq#:1; Line(s) 14,15

Invalid <213> Response:

Use of "Artificial" only as "<213> Organism" response is incomplete,
per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:3,4,5,6,7,8,9,10,11

VERIFICATION SUMMARY

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